

1 2. The process of claim 1, wherein the metal oxide comprises
2 a pyrogenic metal oxide.

1 3. The process of claim 1, wherein the metal oxide is fluidized
2 during silylation.

1 4. The process of claim 1, wherein the metal oxide comprises
2 silica.

1 5. The process of claim 4, wherein the metal oxide comprises
2 pyrogenic silica.

1 6. The process of claim 1, wherein the reaction comprises the
2 steps of (1) loading metal oxide with silylating agent(s) at a temperature of 20°C to
3 120°C to form a metal oxide and silylating agent mixture, (2) reacting the metal
4 oxide and silylating agent mixture at a temperature of 50°C to 330°C to form a
5 partly silylated metal oxide, and (3) purifying the partly silylated metal oxide at a
6 temperature of 290°C to 340°C.

1 7. A partly hydrophobic silica whose particles have a contact
2 angle θ in air for water of less than 180°, the degree of coverage τ of the surface of
3 the silica with silylating agent residues, based on the total silica particle surface
4 area, being $1\% < \tau < 50\%$, the density of the surface silanol groups SiOH ranging
5 between a minimum of 0.9 and a maximum of 1.7 SiOH/nm² particle surface area,
6 and the particles having a carbon content of less than 0.1% by weight and up to 20%
7 by weight, and a methanol number of less than 30.

1 8. An additive for controlling the rheology of liquid and
2 pulverulent systems, which comprises a silica of claim 7.

1 9. An additive for controlling the rheology of liquid and
2 pulverulent systems, which comprises a silica prepared by the process of claim 1.

1 10. A toner or developer which comprises a silica as claimed in
2 claim 7.

1 11. A toner or developer which comprises a silica as claimed in
2 claim 9.

1 12. An emulsion which comprises a silica as claimed in claim 7.

2 13. An emulsion which comprises a silica as claimed in claim 9.

1 14. The emulsion of claim 12, which comprises no emulsifier
2 other than said silica.